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BRITISH COLUMBIA UTILITIES COMMISSION

Vancouver, B.C.
May 1992

To the Lieutenant Governor in Council

MAY IT PLEASE YOUR HONOUR:

We respectfully submit this report on the activities of the British Columbia Utilities Commission for the calendar year 1991.

BRITISH COLUMBIA UTILITIES COMMISSION

JOHN G. McINTYRE, Chairman

J.D.V. NEWLANDS, Deputy Chairman

N. MARTIN, Commissioner

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Introduction

The British Columbia Utilities Commission ("the Commission") is an independent regulatory agency of the Provincial Government operating under, and administering the ***Utilities Commission Act*** ("the Act"). The Commission's primary responsibility is the regulation of the energy utilities under its jurisdiction to ensure that the rates charged for energy are fair and reasonable, and that utility operations safely provide adequate and secure service to their customers. It approves construction of new facilities planned by utilities and the issuance of securities. The Commission's function is quasi-judicial and its Decisions and Orders may be appealed to the Court of Appeal on questions of law or jurisdiction.

The Commission also functions in an advisory role in the administration of the Energy Project Review Process. It reviews and evaluates energy related projects referred to it by Cabinet. It also reviews Energy Project Certificate applications for regulated projects. The Commission's review and evaluation process involves public hearings, followed by a decision or report and recommendations to the Lieutenant Governor in Council.

As directed by the Commission, the staff assess applications, submissions and complaints made to the Commission.

1991 Regulatory Highlights and Changes

Over the course of the past few years the Commission and the regulated utilities have witnessed many changes. The Commission has adapted to meet these challenges with a series of organizational changes and productivity improvements. The increased number of regulated utilities, the additions of significant new projects, the rapid changes in the electric and gas industries and the increased environmental focus required the Commission to continually adapt and augment its technical and professional resources.

New Projects

The complexity of the Vancouver Island Natural Gas Pipeline Project has required extensive involvement by the Commission and its staff throughout the hearing certification process, the negotation of related agreements, and the oversight of construction activities. Following the hearing process, Commission staff assisted with the mediation of many of the agreements. A Commissioner sat as Chairman of the "Project Monitoring Committee" overseeing the construction of the transmission line by Pacific Coast Energy Corporation, while the Commission's Executive Director, Regulatory Affairs and Planning sat as Chairman of the Distribution Monitoring Committee which monitored and facilitated the completion of the Centra Gas and Squamish Gas distribution expansions.

Other projects, such as the construction of the Williston to Kelly Lake electrical transmission line reinforcement by B.C. Hydro, required less day-to-day involvement by the Commission. The next reinforcement will require public hearings and a greater level of construction oversight. Various other projects and initiatives, such as small hydro power producers and other large independent power producers, have required the Commission's involvement and will continue to do so in the years ahead.

New Utilities

Centra Gas British Columbia Inc. and Pacific Coast Energy Corporation are two new regulated natural gas utilities. New utilities required various startup activities by the Commission including the establishment of a rate base for regulatory purposes and initial cost settings.

BC Gas Inc. returned to the Commission's regulation after three years of regulation by the Lieutenant Governor in Council. The Commission established a series of three hearings in 1992 to re-establish the cost basis of the utility, to determine fair rate structures for various classes of customers and to allocate the cost of new gas supply.

Three years ago the Commission assumed responsibility for the rate regulation of intraprovincial gathering and delivery oil pipelines previously regulated by the ***Pipeline Act***.

Competitive Markets

The encouragement of direct sales between individual customers and producers at the wellhead increased the regulatory activities of the Commission. This competitive purchasing of natural gas at the wellhead resulted in the unbundling of rate schedules to reflect gas costs, transmission and distribution services independently, the proliferation of specialized by-pass rates for customers located near the Westcoast Energy Inc. high pressure transmission line, and the enforcement of user-pay philosophies. These changes increased the complication of Revenue Requirement and Rate Design applications to individually specify the changing costs related to gas costs, transmission services and distribution margins, all calculated for individual classes of customer.

In addition to these services being segregated and expanded, the Commission dealt with new rate making concepts at the interface between the competitive market at the wellhead and the monopoly utility services in the pipeline transportation system. Legislation requires the Commission to review all gas supply contracts to ensure adequate security of supply, and in the case of utilities, competitive prices.

Competitive prices in electricity have begun to evolve. Expected changes will include wheeling rates, unbundled services, and user pay philosophies.

Electric Industry Developments

The electric industry has undergone substantial changes. At the heart of these changes has been the increased cost of new generation projects. Previous economies of scale of utility development have been lost, at least at the generation stage, with wide ramifications. Utilities previously encouraged electricity use, however, they are now focused on conservation activities and the minimization of load growth. Simultaneously, utilities face unstable customer demands and escalating costs related to existing facilities for increasing environmental standards. Least-Cost Integrated Resource Planning is now the preferred management tool. At the same time Demand-Side Management activities have increased greatly as evidenced by the Power Smart initiatives in British Columbia. Additionally utilities would like to shift customer loads to independent power producers and encourage conservation through their rate structures.

Environmental Issues

Increased environmental considerations will require increased scrutiny of utility activities by the Commission. Pipeline and transmission facilities must be built to improved standards and construction oversight will become a more visible responsibility for the Commission.

Emission controls and potential environmental evaluations to consider the full impact of proposed developments are rapidly coming into place. In particular, the recommendations of the Round Table on the Environment and the Economy, due in 1992, will have to be considered by the Commission for new projects or for encouraging conservation. Environmental issues are becoming more significant and the Commission recognizes the challenges it will face.

Administration

Pursuant to section 140 of the ***Utilities Commission Act***, the Commission recovered the cost of its operation with appropriate levies on the utilities it regulates. For details of the recoveries please refer to Appendix VIII.

The number of full-time Commissioners was reduced to three during 1991 while the number of temporary Commissioners remained unchanged at three. The Commissioners are complemented by a staff of regulatory professionals comprised of economists, engineers and accountants, as well as administrative specialists. Appendix XVII provides information about the Commissioners and the staff.

APPENDIX I
REGULATED PUBLIC UTILITIES

UTILITY	HEAD OFFICE	SERVICE AREA
Crown-Owned Electric Utility		
British Columbia Hydro and Power Authority	333 Dunsmuir Street Vancouver, B.C. V6B 5R3	Lower Mainland, Vancouver Island, Central and Northern B.C. and East Kootenay Regions
Investor-Owned Electric Utilities		
Hemlock Valley Electrical Services Limited	Box 7, Site 2 RR 1 Agassiz, B.C. V0M 1A0	Hemlock Valley
Princeton Light and Power Company, Limited	Box 700 Princeton, B.C. V0X 1W0	Princeton, Osprey Lakes Area
West Kootenay Power Ltd.	Box 130 Trail, B.C. V1R 4L4	West Kootenay and Okanagan Regions of B.C.
Yoho Power Ltd.	Suite 800 1188 West Georgia Street Vancouver, B.C. V6E 4A2	Field
Yukon Electrical Company Limited	Box 4190 Whitehorse Yukon Territory Y1A 3T4	Lower Post
Municipally-Owned Electric Utilities*		
City of Grand Forks	Box 220 Grand Forks, B.C. V0H 1H0	Grand Forks
City of Kelowna	1435 Water Street Kelowna, B.C. V1Y 1J4	Kelowna
City of Nelson	502 Vernon Street Nelson, B.C. V1L 4E8	Nelson Area

UTILITY	HEAD OFFICE	SERVICE AREA
City of New Westminster	511 Royal Avenue New Westminster, B.C. V3L 1H9	New Westminster
City of Penticton	616 Okanagan Avenue East Penticton, B.C. V2A 3K6	Penticton
District of Summerland	Box 159 Summerland, B.C. V0H 1Z0	Summerland
Investor-Owned Natural Gas or Propane Utilities		
BC Gas Inc.	Box 12503 1066 West Hastings Street Vancouver, B.C. V6E 3G3	Lower Mainland and Fort Nelson Areas, Central and Northern Interior, the Kootenays and the Okanagan
Centra Gas British Columbia Inc.	110, 800 Tolmie Avenue Victoria, B.C. V8X 3W4	Vancouver Island, Fort St. John, Sunshine Coast; Whistler and Port Alice (propane grid systems)
Northland Utilities (B.C.) Limited	10035 — 105th Street Edmonton, Alberta T5J 2S3	Dawson Creek, Rolla, Pouce Coupe and Tumbler Ridge
Pacific Coast Energy Corporation	Suite 1700 1188 West Georgia Street Vancouver, B.C. V6E 4A2	Vancouver Island Natural Gas Pipeline
Pacific Northern Gas Ltd.	Suite 1400 1185 West Georgia Street Vancouver, B.C. V6E 4E6	Summit Lake to Prince Rupert and Kitimat
Squamish Gas Co. Ltd. (BC Gas Subsidiary)	Box 12503 1066 West Hastings Street Vancouver, B.C. V6E 3G3	Squamish (natural gas), Granisle (propane)
Investor-Owned Steam Heat Utility		
Central Heat Distribution Limited	720 Beatty Street Vancouver, B.C. V6B 2M1	Downtown Vancouver

* Only service outside Municipal Boundaries is subject to regulation by the British Columbia Utilities Commission.

APPENDIX II

APPLICATIONS HEARD AND DECISIONS ISSUED IN 1991

TYPE OF APPLICATION

Standardization of Electric Tariff, Terms and Conditions for Transmission Service Customers.

NAME OF REGULATED UTILITY

British Columbia Hydro and Power Authority ("B.C. Hydro").

B.C. Hydro applied for Commission approval of a Standard Form of Electricity Supply Agreement and a Standard Form Facilities Agreement pertaining to sales and supply to large industrial customers in industries such as: pulp and paper mills, mining, petroleum, petrochemical, electrochemical, and other large energy users served at transmission voltage.

B.C. Hydro's Application was filed in December of 1989 for approval of standard contracts and terms and conditions of service. As a result of meetings between the industry groups, B.C. Hydro and the Commission, three major areas remained unresolved: basic obligation to serve, force majeure and liability and indemnity. As a result of meetings, pre-hearing conferences and a public hearing which concluded on December 17, 1990, all parties agreed to a revised, standard form Electricity Supply Agreement and Facilities Agreement.

Through the efforts of representatives of B.C. Hydro, the Industrial Users and the Commission, compromises were reached on contentious issues, with the Commission accepting, subject to timely filing, amendments to Rate Schedule 1821, General Service — Transmission and Rate Schedule 1880, General Service Transmission — Emergency, Maintenance and Specialty Supply.

DECISION DATE AND ORDER NUMBER

January 21, 1991: Order No. G-4-91.

* * *

TYPE OF APPLICATION

Standard Interim Operating Agreement — Municipalities in Service Area.

NAME OF REGULATED UTILITY

Vancouver Island Gas Company Ltd./Victoria Gas Company (1988) Ltd. (collectively referred to under the new utility name "Centra Gas British Columbia Inc.").

Centra Gas applied November 30, 1990, for Commission approval of a standard Interim Operating Agreement that would enable it to construct and operate natural gas distribution facilities in 19 municipal areas on Vancouver Island and the Sunshine Coast, which would be served from Pacific Coast Energy Corporation's high pressure natural gas transmission line currently under construction.

A three-day public hearing was held in Victoria to hear the issues. The hearing was attended by representatives of the utility affected, municipalities and the Commission. The evidence indicated that a number of changes to the proposed interim gas Operating Agreement were required. The Commission's Decision approved a pro-forma, interim municipal gas Operating Agreement that reflected a number of changes resulting from testimony and filed evidence during the public hearing.

DECISION DATE AND ORDER NUMBER

February 8, 1991: Order No. G-13-91.

* * *

TYPE OF APPLICATION

Rate Increase.

NAME OF REGULATED UTILITY

Squamish Gas Co. Ltd. ("Squamish Gas").

Squamish Gas applied for Commission approval to increase rates, due to the increased cost of propane to grid system customers located in Squamish, B.C. The customers, including the Municipality of Squamish, B.C., were concerned with the magnitude and frequency of such propane price increases.

A public hearing into the matter commenced on February 11, 1991.

As a result of declines in the price of liquid propane between the filing of the Application and the public hearing, the utility's revised Application removed the requirement for additional rate increases. The Commission denied cost of propane rate increases to Squamish customers and ordered the current rates to remain in effect until the commencement of natural gas service scheduled for July 1991.

DECISION DATE AND ORDER NUMBER

February 27, 1991: Order No. G-22-91.

* * *

TYPE OF APPLICATION

Rate Design and Complaint by Ocelot Chemicals Inc.

NAME OF REGULATED UTILITY

Pacific Northern Gas Ltd. ("PNG").

Ocelot Chemicals Inc., a major PNG customer, complained that PNG's rates were unjust, unreasonable, and unduly discriminatory and resulted in a cross-subsidy of $4 million to other customers, primarily residential.

To accommodate rate design matters and the complaint registered by Ocelot, public hearings were held in Prince Rupert, Kitimat and Terrace, B.C., with evidence submitted by customers and expert witnesses.

The Commission: (1) Ordered rates for residential and commercial customers to increase by 5 per cent and 3 per cent, respectively, per year for three years and that increased revenues would be used to lower firm rates to large industrial customers, which rates were in excess of the reasonable zone established in the Commission's Decisions; (2) Rejected Ocelot's suggestion that increased revenue be refunded to large industrial customers; (3) Directed PNG to file with the Commission an updated Cost of Service study prior to November 1, 1993, inclusive of proposed rates; (4) Instructed PNG to enter into, and complete prior to July 1, 1991, price negotiations with its large industrial interruptible customers.

With respect to (4) above, PNG advised the Commission that its large industrial customers desired to maintain interruptible rates at existing levels rather than attempt to negotiate value of service rates and, therefore, the Commission ordered a staff review, to be submitted to the Commission by October 31, 1991, of industrial rates on the PNG system.

DECISION DATE AND ORDER NUMBER

February 27, 1991: Order No. G-23-91.

* * *

TYPE OF APPLICATION

1991 Revenue Requirements — Rate Increase.

NAME OF REGULATED UTILITY

Pacific Northern Gas Ltd. ("PNG")

The Commission approved PNG's request for an across-the-board interim increase in rates of 4.572 per cent to customers, effective January 1, 1991.

The Rate Application was set for public hearing to commence on March 18, 1991, in Prince Rupert, B.C., and concluded March 22, 1991.

Following the evidence and testimony presented at the hearing, the Commission ordered a partial refund of the interim increase and allowed PNG to earn a rate of return on common equity of 14 per cent, within an approved range of 13.75 to 14.25 per cent. A refund of approximately $1.756 million on an annualized basis allowed PNG to increase its rates by 1.727 per cent effective January 1, 1991.

DECISION AND ORDER NUMBER

April 23, 1991: Order No. G-36-91.

* * *

TYPE OF APPLICATION

Distribution Extension Policy.

NAME OF REGULATED UTILITY

British Columbia Hydro and Power Authority ("B.C. Hydro").

B.C. Hydro applied for Commission approval to amend its Electric Tariff respecting terms and conditions, standard charges for service and definitions relating to Distribution Extension and Service Connection Policies and its Residential Electric Space Heating Connection Charge.

The public hearing commenced in Vancouver on June 10, 1991, with Final Argument on July 5, 1991.

The Commission determined that the Residential Electric Space Heating Connection Charge was not justified or desirable but that price signals underlying "full cost" in standard charges for basic connection of service be approved.

The Commission approved the use of standard charges, that are reflected in actual dollar amounts, in the Electric Tariff. The Commission did not agree that the term "full cost" would replace the specified dollar amounts. An amendment to Reconnection Fee was ordered with respect to the collection of the full amount of the outstanding account balance prior to disconnection of service for non-payment of account.

DECISION DATE AND ORDER NUMBER

July 31, 1991: Order No. G-75-91.

* * *

TYPE OF APPLICATION

Energy Supply Contracts.

NAME OF REGULATED UTILITY

West Kootenay Power Ltd. ("WKP").

WKP applied to the Minister of Energy, Mines and Petroleum Resources ("the Minister") for approval of new power purchase agreements with Cominco Ltd. titled Long Term Firm Power Supply Agreement and 1999 Firm Power Supply Agreement that were intended to replace the Consolidated Sale of Surplus Agreement dated January 31, 1989.

A public hearing was set to commence on October 29, 1991, in Rossland, B.C., and was adjourned, at the request of the intervenors, to November 29, 1991.

Following the public hearing the Commission concluded that acceptance of the contracts for filing was consistent with the public interest but allowing the contracts to become operational would be inconsistent with directives contained in Cominco's 1982 Exemption Order. On December 20, 1991, the Minister issued an Exemption Order, and the Power Purchase Agreements were approved and accepted for filing pursuant to section 85.3 of the Act.

REPORT DATE

December 18, 1991.

CONTRACT APPROVAL DATE

December 20, 1991: Order No. E-14-91.

APPENDIX III

COMMISSION ORDERS ISSUED IN 1991

Standard Utility Abbreviations Used in this Report

Utilities Commission Act	the Act
British Columbia Hydro and Power Authority	B.C. Hydro
Hemlock Valley Electrical Services Limited	HVES
Princeton Light and Power Company, Limited	PLP
West Kootenay Power Ltd.	WKP
Yoho Power Ltd.	Yoho
The Corporation of the City of Nelson	City of Nelson
BC Gas Inc.	BC Gas
Centra Gas British Columbia Inc.	Centra Gas or
[formerly known as ICG Utilities (British Columbia) Ltd.]	ICG
Northland Utilities (B.C.) Limited	NUL
Pacific Coast Energy Corporation	PCEC
Pacific Northern Gas Ltd.	PNG
Squamish Gas Co. Ltd.	Squamish Gas
Central Heat Distribution Limited	CHDL
Westcoast Energy Inc.	WEI

Order No.	Utility	Date
G-1-91	**PNG**	**January 8, 1991**

Accepted for filing an Application for an interim increase of 4.572 per cent to all Gas Tariff customers, effective with consumption on and after January 1, 1991.

G-2-91	**PNG**	**January 9, 1991**

Set down the rate Application for public hearing to commence March 18, 1991 in Prince Rupert, B.C.

G-3-91	**WESTCOAST POWER INC. ("WPI") and CANADIAN UTILITIES LIMITED ("CUL")**	**January 17, 1991**

Approved under section 103 (3) of the Act an exemption covering the sale of power between WPI, CUL and B.C. Hydro pursuant to Electricity Purchase Agreement dated May 23, 1990.

G-4-91	**B.C. HYDRO**	**January 21, 1991**

Issued a Commission Decision and Order approving Standard Form Electricity Supply and Facilities Agreements accepted as Tariff Supplements to B.C. Hydro's Electric Tariff, Rate Schedules 1821 and 1880 for Transmission Service.

G-5-91	**PLP**	**January 17, 1991**

Accepted for filing: (1) An increase in Electric Tariff rates as a result of a pass-through of increased costs of power purchased from WKP pursuant to PLP's Ten-Stage Plan; (2) A general interim rate increase of 3.6 per cent effective January 1, 1991.

Order No.	Utility	Date
G-6-91	**ICG**	**January 17, 1991**

Accepted for filing an increase in Gas Tariff Rate Schedules for the Nanaimo District to allow for a pass-through of increased propane product costs from its supplier effective February 1, 1991.

G-7-91 **VANCOUVER ISLAND GAS COMPANY** **January 17, 1991**

Accepted for filing an increase in Gas Tariff Rate Schedules for Victoria, B.C., to allow for a pass-through of increased propane product costs from its supplier effective February 1, 1991.

G-8-91 **PNG** **January 17, 1991**

Approved the use of a deferral account on an interim basis to account for changes in WEI tolls, effective on and after January 1, 1991.

G-9-91 **CITY OF NELSON** **January 17, 1991**

Accepted for filing a general rate increase of 4.5 per cent to all customers effective February 1, 1991.

G-10-91 **BC GAS** **January 17, 1991**

Accepted for filing Gas Tariff Supplement No. 22 and Service Agreement for Lafarge Canada Inc. at Kamloops, B.C.

G-11-91 **HVES** **January 30, 1991**

Denied HVES' request to have Commission Decision and Order No. G-77-90 varied and issued Reasons for Decision.

G-12-91 **B.C. HYDRO** **February 5, 1991**

Set down the January 15, 1991 Application on Rate Design for a pre-hearing conference for March 4, 1991 and a public hearing to commence May 6, 1991.

G-13-91 **CENTRA GAS** **February 8, 1991**

Commission Decision and Order approving Pro-Forma Interim Municipal Gas Operating Agreement, as contained in Section 4.2 of the Commission's Decision to be used by Centra Gas and the Municipalities for the purposes of gas distribution in the service area.

G-14-91 **PNG** **January 24, 1991**

Extended dates of Incentive Gas Rate Agreements between PNG and Ocelot Chemicals Inc.

Accepted for filing Letter Agreements between PNG/Ocelot and PNG/British Columbia Petroleum Corporation, effective January 1, 1991.

G-15-91 **NUL** **January 24, 1991**

Accepted for filing Gas Tariff, Terms and Conditions to allow for the recovery of the Federal Government Goods and Services Tax.

Order No.	Utility	Date
G-16-91	**BC GAS**	**January 31, 1991**

Accepted for filing Gas Tariff Supplement No. 43 and Letter Agreement for Husky Oil Operations Limited at Prince George, B.C.

G-17-91 **WKP** **January 31, 1991**

Accepted for filing Electric Tariff Rate Schedule 90 — Energy Management Service, effective January 1, 1991.

G-18-91 **BC GAS** **February 7, 1991**

Accepted for filing Gas Tariff, Terms and Conditions to permit calculation of the heat content of energy used by large industrial customers to be made on a daily basis for Inland and Columbia Divisions, effective immediately.

G-19-91 **CENTRA GAS** **February 7, 1991**

Accepted for filing Gas Tariff, Commercial Sales Rebate for the Nanaimo District, effective February 1, 1991.

G-20-91 **SQUAMISH GAS** **February 25, 1991**

Accepted for filing Gas Tariff Supplement No. 1 — Service to Granisle Village Inn, effective January 1, 1991.

G-21-91 **CENTRA GAS** **February 20, 1991**

Approved Application to establish a propane cost deferral account for Victoria and Nanaimo Divisions, effective January 1, 1991.

G-22-91 **SQUAMISH GAS** **February 27, 1991**

Commission Decision and Order denied cost of gas increase to Rate Schedule 1, General Service Rate customers.

G-23-91 **PNG and OCELOT CHEMICALS INC.** **February 27, 1991**

Commission Decision and Order approved increases to residential, commercial and industrial service rates and decreases to Natural Gas for Vehicle and Large Industrial customer service rates. PNG ordered to enter into price negotiations with its Large Industrial Interruptible customers.

G-24-91 **BACKBILLING POLICIES OF COMMISSION REGULATED UTILITIES** **February 28, 1991**

Adopted a standard backbilling policy for utility filed tariffs including terms and conditions.

G-25-91 **CENTRA GAS** **March 7, 1991**

Approved wording change in Pro-Forma Interim Municipal Gas Operating Agreement and issued Supplementary Reasons for Decision.

Order No.	Utility	Date
G-26-91	**BC GAS**	**March 7, 1991**

Approved November 1, 1990 Energy Supply Contract between BC Gas and Superior Propane for supply to bulk propane to the City of Revelstoke grid system.

BC Gas is to conduct a competitive bidding process for the supply of propane to the City of Revelstoke and provide the Commission with a report by May 1, 1991.

G-27-91 **B.C. HYDRO** **March 7, 1991**

Accepted for filing Electric Tariff Definition, deletion of Kitkatla from Rate Zone II and Rate Map A effective December 19, 1990.

G-28-91 **B.C. HYDRO** **March 11, 1991**

Adjourned Rate Design hearing to June 10, 1991.

G-29-91 **BC GAS** **March 14, 1991**

Accepted for filing amendments to Gas Tariff Supplements No. 17 and Rate Schedule 22, Service Agreement with Consumers Packaging Inc. at Lavington, B.C.

G-30-91 **BC GAS** **March 14, 1991**

Accepted for filing Gas Tariff Supplement No. 35, Rate Schedule 25, Small Industrial Transportation Service Agreement with Riverside Forest Products Ltd. at Lumby, B.C.

G-31-91 **BC GAS** **March 14, 1991**

Accepted for filing Gas Tariff Supplement No. 45, Small Industrial Transportation Service Agreement for Weldwood of Canada Ltd. at Quesnel, B.C.

G-32-91 **HVES** **March 28, 1991**

Approved amended Electric Tariff, Terms and Conditions to allow for the recovery of taxes levied by any competent taxing authority and an annual interest rate reference, effective immediately.

G-33-91 **SQUAMISH GAS** **March 28, 1991**

Approved Energy Supply Contract between Squamish Gas and Superior Propane, covering the period April 1 to July 31, 1991.

G-34-91 **B.C. HYDRO** **April 4, 1991**

Approved Water Rights Agreement with the City of Nelson covering the period January 1, 1989 to October 1, 2005.

G-35-91 **BC GAS** **April 11, 1991**

Approved payment of the Conversion Fee on the BC Gas Exchangeable Bonds.

Order No.	Utility	Date
G-30-91	**PNG**	**April 23, 1991**

Commission Decision and Order approved rate base and revenue requirements as set out in the Schedules accompanying the Decision.

Ordered a partial refund of the interim rates granted by Commission Order No. G-1-91.

G-37-91 **CENTRA GAS** **April 30, 1991**

Accepted for filing Gas Tariff Rate Schedules for the Nanaimo District to allow for a pass-through of a decrease in propane product costs effective May 1, 1991.

G-38-91 **CENTRA GAS** **April 30, 1991**

Accepted for filing Gas Tariff Rate Schedules for Victoria, B.C., to allow for a pass-through of a decrease in propane product costs effective May 1, 1991.

G-39-91 **WKP** **May 8, 1991**

Approved amendments to Electric Tariff Rate Schedule 50 — Street Lighting effective immediately and Rate Schedule 90 — Energy Management Service effective April 1, 1991.

G-40-91 **BC GAS** **May 16, 1991**

Accepted for filing Gas Tariff Supplement No. 33, Rate Schedule 14, NGV Service Agreement with Shell Canada at Merritt, B.C., effective immediately.

G-41-91 **BC GAS** **May 16, 1991**

Accepted for filing Gas Tariff Supplement No. 37, Rate Schedule 14, NGV Service Agreement with Mohawk Oil at Cache Creek, B.C., effective immediately.

G-42-91 **PNG and OCELOT CHEMICALS INC.** **May 23, 1991**

Rescinded and replaced paragraph 5 of Commission Order No. G-23-91.

G-43-91 **BC GAS** **May 23, 1991**

Approved ICG quotation for the supply of liquid propane to the Revelstoke grid system for the contract year commencing September 1, 1991.

G-44-91 **B.C. HYDRO** **May 23, 1991**

Accepted for filing Electric Tariff Supplement No. 7, Interruptible Electricity Supply Agreement with Central Coast Power Corporation, effective immediately.

G-45-91 **B.C. HYDRO** **June 3, 1991**

Set down a public hearing date of June 10, 1991 into the request of the Industrial Users' for adjournment of the Rate Design Application.

Order No.	Utility	Date
G-46-91	**BC GAS**	**June 6, 1991**

Approved Application to extend Natural Gas for Vehicles Conversion Support Program effective immediately.

Ordered required BC Gas to provide the Commission with an Annual Report on the Program outlining the activities undertaken during the current fiscal year and an accounting of all revenues and costs, including fully allocated overheads. The first report is to cover the period ending December 31, 1991.

G-47-91 **BC GAS — LOWER MAINLAND DIVISION** **June 6, 1991**

Approved BC Gas Furnace Repair Plan, as amended December 6, 1991, effective immediately.

Accepts for filing Gas Tariff, Terms and Conditions to allow for the promotion and operation of an insurance program for residential gas heating appliances.

BC Gas to provide the Commission with an Annual Report outlining all costs and revenues directly attributable to the Plan, including a full allocation of overheads. The first report is to cover the period ending December 31, 1991.

G-48-91 **CENTRA GAS** **June 19, 1991**

Accepted for filing amendments to Gas Tariff, General Service Rate for the Resort Municipality of Whistler, B.C., effective July 1, 1991 and authorized the use of a deferral account to record the price fluctuations of liquid propane that will occur on and after July 1, 1991.

G-49-91 **WKP** **June 19, 1991**

Approved the extension of the expiry dates of the Revolving Term Loan Lines of Credit with the Bank of Montreal, from January 1, 1992 to January 2, 1994.

G-50-91 **SQUAMISH GAS** **June 19, 1991**

Approved the Energy Supply Contracts between Squamish Gas and Superior Propane for the supply of liquid propane to the grid systems at Squamish and Granisle, B.C., covering the periods April 1 to August 31, 1991 and March 31, 1992, respectively.

Rescinded Commission Order No. G-38-88 requirement for Squamish Gas to provide the Commission with a report on monthly propane prices.

G-51-91 **B.C. HYDRO** **June 25, 1991**

Issued Reasons for Decision and ordered Commission staff to coordinate a consultation process between B.C. Hydro and the Industrial Users concerning Industrial Rate Proposal.

G-52-91 **B.C. HYDRO** **June 26, 1991**

Approved the extension of the subsidy payments, applicable to Residential and Commercial service customers, made by B.C. Hydro to Yoho Power Ltd. for the period July 1, 1991 to June 30, 1992.

Order No.	Utility	Date
G-53-91	**PLP**	**June 27, 1991**

Approved amendments to Electric Tariff, Terms and Conditions pertaining to Sales Tax and Assessment and to Schedule P — Extensions, effective immediately.

G-54-91 **CHDL and SYDNEY W. WELSH** **June 27, 1991**

Approved the issue of a General Security Agreement in favour of the Royal Bank of Canada to secure loans up to $10 million.

G-55-91 **CITY OF NELSON** **June 27, 1991**

Approved backbilling By-law No. 2444, 1991 and Terms and Conditions as filed in accordance with Commission Order No. G-24-91.

G-56-91 **B.C. HYDRO** **June 27, 1991**

Approved the Supplementary Electricity Supply Agreement with Tenneco Canada Inc. dated July 1, 1991, for an increase in the supply of electricity at Tenneco's sodium chlorate plant in North Vancouver, B.C.

G-57-91 **PNG** **July 2, 1991**

Approved the revised Commercial Hot Water Tank Conversion Grant Program, effective July 2, 1991, to be in force and effect until March 31, 1992 with a final report to be submitted by April 30, 1992.

G-58-91 **WESTCOAST POWER INC. and CU POWER CANADA LIMITED** **July 10, 1991**

Pursuant to section 103 (3) of the Act the Commission approved WPI and CU Power's Application for exemption from the provisions of Part 3 of the Act.

G-59-91 **NUL** **July 10, 1991**

Approved the use of the cost of gas deferral account to permit Northland to offset an expected 1992 revenue shortfall and to earn its rate of return for 1992. Northland is to file its 1992 revenue requirements forecast before October 1, 1991.

G-60-91 **BC GAS — LOWER MAINLAND DIVISION** **July 10, 1991**

Upheld a complaint by Inland Natural Gas Marketing Ltd., Kelfor Industries Ltd., and others concerning a double charging of transportation charges for industrial clients served under Rate Schedule 2007 — Firm Transportation Service.

BC Gas was ordered to refund any excess charges collected under Rate Schedule 2007 and provide the Commission with a reconciliation and computation of refund by August 30, 1991.

G-61-91 **PLP** **July 10, 1991**

Accepted for filing amended Electric Tariff Rate Schedules confirming a permanent, general rate increase of 3.6 per cent effective January 1, 1991 previously approved on an interim basis by Commission Order No. G-5-91.

Order No.	Utility	Date
G-62-91	**WKP**	**July 10, 1991**

Accepted for filing amendments to Electric Tariff Rate Schedule 51 — Outdoor Light — All Areas, effective immediately.

G-63-91	**WKP**	**July 10, 1991**

Accepted for filing amendments to Electric Tariff Rate Schedule 62 — Optional Irrigation and Drainage — All Areas, effective June 7, 1991.

G-64-91	**RECOVERY OF COMMISSION COSTS**	**July 10, 1991**

Ordered regulated utilities to pay at the rate of $0.001023 per $1.00 of total gross utility energy sales for the calendar year 1990, for the recovery of the Commission's expenses on a quarterly basis for the fiscal year commencing April 1, 1991.

G-65-91	**PNG and OCELOT CHEMICALS INC. (ORDER No. G-23-91)**	**July 10, 1991**

Directed a member of the Commission's staff, Mrs. D. W. Emes, to review the matter of industrial rates on the PNG system and report on this matter to the Commission no later than October 31, 1991.

G-66-91	**BC GAS**	**July 12, 1991**

Approved Interim Wheeling Agreement ("Bridging Agreement") dated July 12, 1991 between BC Gas and Pacific Coast Energy Corporation; allowing PCEC to deliver natural gas over the BC Gas distribution system.

G-67-91	**CENTRA GAS**	**July 18, 1991**

Approved, subject to filing of the final share documents, issuance of additional common shares to Centra Utility Investments Inc., not to exceed $20 million.

G-68-91	**BC GAS**	**July 18, 1991**

Approved Rate Schedule 2206, Compression/Dispensing Service Agreement between BC Gas and The District of Surrey.

G-69-91	**BC GAS**	**July 18, 1991**

Accepted for filing Rate Schedule 2206 — General Service — Transportation — Compression/Dispensing Service Agreement between BC Gas and B.C. Transit at Coquitlam, B.C.

G-70-91	**BC GAS**	**July 25, 1991**

Approved, for the 12-month demonstration period August 1, 1991 to July 31, 1992, Rate Schedule 2216 — General Service — Vehicle Refuelling Service. A report to be filed if service beyond that date is required.

G-71-91	**PNG**	**July 18, 1991**

Approved amendment to Gas Tariff, Appendix "A" — Application for Service Form.

Order No.	Utility	Date
G-72-91	**SKEENA CELLULOSE INC.**	**September 13, 1991**

Pursuant to section 103 (3) of the Act the Commission approved an Application for exemption covering the sale of power between Skeena and the Canadian Liquid Air oxygen plant on Watson Island.

G-73-91 **BC GAS** **July 24, 1991**

Approved the issuance of $75 million Unsecured Notes due September 25, 1992 and $75 million Unsecured Notes due September 24, 1993.

G-74-91 **BC GAS** **July 24, 1991**

Approved the amendment to Series B, Series C and Series D Debentures subject to the sale of the Debentures from B.C. Hydro to Inland Energy being completed and subject to BC Gas obtaining Commission approval of the interest rate on any one of the subdivision dates.

G-75-91 **B.C. HYDRO** **July 31, 1991**

Commission Decision and Order reaffirmed amendments approved by Commission Order No. G-46-90.

Ordered B.C. Hydro to file Electric Tariff revisions to spcecify the Standard Charges for Overtime and Call-Out Reconnections; incorporate a standard charge of $32 when the full amount is paid to the B.C. Hydro employee prior to disconnection of service.

Rejected Application for Residential Electric Space Heating Connection Charges.

G-76-91 **ALBERTA POWER LIMITED** **June 27, 1991**

Approved an Application for exemption from the Act, other than Part 2 and section 114, covering the sale of power from a 25 kV distribution line from Alberta Power to Canadian Hunter at Ring Border, B.C., pursuant to an Electric Service Agreement dated October 1, 1990.

G-77-91 **CENTRA GAS** **August 2, 1991**

Accepted for filing Gas Tariff Rate Schedules dated June 18, 1991. The Rate Schedules approve Retail Rate Structures and Rate Levels under the Victoria Rate Stabilization Agreement, Vigas Rate Stabilization and Disposition Agreement and the Nanaimo Rate Stabilization Agreement.

G-78-91 **SQUAMISH GAS** **August 8, 1991**

Accepted for filing Gas Tariff Rate Schedules effective August 8, 1991 covering the supply of natural gas from Pacific Coast Energy Corporation to Squamish Gas at its Squamish, B.C. gate station.

G-79-91 **B.C. HYDRO** **August 14, 1991**

Accepted for filing an Interruptible Electricity Supply Agreement dated July 3, 1991 between B.C. Hydro and Queen Charlotte Power Corporation, effective immediately.

Order No.	Utility	Date
G-80-91	**BC GAS**	**August 15, 1991**

Set down August 27, 1991 for an Information Meeting to hear from interested parties with respect to: the BC Gas Application to flow-through gas costs to its customers, its filing of Gas Large Volume Tariff Schedules 10 and 13 and corresponding BC Gas Sales Agreements in the Lower Mainland and Inland Divisions.

G-81-91 **ELECTRIC, GAS AND STEAM HEAT UTILITIES** **December 2, 1991**

Ordered utilities to file by January 1, 1992, in the appropriate tariff format, Terms and Conditions with respect to the billing of energy to customers, relating to condominium common areas.

G-82-91 **B.C. HYDRO** **August 29, 1991**

Accepted for filing Electric Tariff Supplement No. 9 — Electric Service Agreement between B.C. Hydro and Little Valley Forest Products Ltd. at Bella Coola Valley, B.C., effective July 24, 1991.

G-83-91 **CENTRA GAS** **September 5, 1991**

Accepted for filing four Industrial Gas Sales Agreements and General Terms and Conditions with the Greater Victoria Hospital Society (Victoria General Hospital, Gorge Road Hospital, Fairfield Health Centre and Royal Jubilee Hospital) effective immediately.

G-84-91 **BC GAS and COMMISSION ORDER No. G-43-91** **September 5, 1991**

Approved the August 22, 1991 Energy Supply Contract between BC Gas and ICG Propane Inc. for the supply of liquid propane to the Revelstoke Grid System for the period September 1, 1991 to August 31, 1992.

G-85-91 **PNG** **August 30, 1991**

Approved Letter Agreements dated August 28, 1991 between PNG and CanWest Gas Supply Inc. and between PNG and B.C. Hydro for the supply of interruptible gas to PNG for resale to B.C. Hydro to enable the operation of the Prince Rupert gas turbine generating station for the month of September 1991. Accepted for filing a short-term Interruptible Gas Sales Agreement with B.C. Hydro, in conjunction with the above.

G-86-91 **B.C. HYDRO** **September 9, 1991**

Approved Electric Tariff variance permitting the installation and operation of the Victoria Billing System as a pilot project with implementation December 1, 1991. Monthly progress reports required to be filed commencing October 31, 1991.

G-87-91 **HVES** **September 19, 1991**

Approved an interim increase of 2.0 cents per kW.h to all customers effective with consumption on and after September 1, 1991.

Order No.	Utility	Date
[redacted]	**BC GAS**	**September 19, 1991**

Approved the extension of the July 12, 1991 Bridging Agreement between BC Gas and Pacific Coast Energy Corporation until such time as a final Wheeling Agreement is executed and approved by the Commission.

[redacted] **BC GAS** **September 24, 1991**

Accepted for filing Gas Tariff Supplement No. 58, Rate Schedule 23, Interruptible Transportation Service Agreement with CanWest Gas Supply Inc. effective August 1, 1991 for delivery at Yahk, B.C.

[redacted] **BC GAS and COMMISSION ORDER No. G-60-91 September 27, 1991**

Cancelled Commission Order No. G-60-91 and referred the double charging of transportation service charges (Rate Schedule 2007 — Firm Transportation Service) to the Lieutenant Governor in Council.

[redacted] **WKP** **September 26, 1991**

Set down the Application by WKP, for approval of long-term firm power supply agreements with Cominco Ltd., for public hearing to commence October 29, 1991 in Rossland, B.C.

[redacted] **BC GAS** **October 1, 1991**

Set down for public hearing the BC Gas Application for the establishment of a methodology for gas cost allocations to customer classes in the Lower Mainland and Inland Divisions.

Denied requests by BC Gas to: Approve the fixing of gas prices for interruptible sales to the Inland Division non-captive large volume customers; negotiate the gas contracting fee for interruptible gas sales to the Inland Division non-captive large volume customers; and maintain existing levels of gas prices for interruptible sales to the Lower Mainland Division Rate Schedules 2501 and 2502.

Accepted requests by BC Gas to: Establish a deferral account to capture the difference in margin if an interruptible sales customer in the Lower Mainland Division switches to interruptible transportation service; and establish a new deferral account to capture the difference between the actual cost of gas and the amounts collected in rates effective November 1, 1991.

Set Agenda for public hearings into revenue requirement and Phase B Rate Design.

[redacted] **B.C. HYDRO** **October 4, 1991**

Set down for public hearing B.C. Hydro's Application for Rate Design of its Electric Tariffs to commence January 13, 1992 in Vancouver, B.C.

[redacted] **CENTRA GAS** **October 3, 1991**

Accepted for filing amended Gas Tariff Rate Schedules for natural gas distribution service, effective October 1, 1991, to retail customers located on Vancouver Island and the Sunshine Coast served by the Vancouver Island Natural Gas Pipeline.

Order No.	Utility	Date
G-95-91	**CENTRA GAS**	**October 4, 1991**

Accepted for filing terms and conditions of service to Gas Tariffs for distribution grid system customers that are receiving gas from the Vancouver Island Natural Gas Pipeline on an interim basis, effective October 4, 1991.

G-96-91 **B.C. HYDRO** **October 11, 1991**

Set down January 13, 1992 for public hearing into B.C. Hydro's Application for Rate Design and its Agreement with West Kootenay Power. A prehearing conference is set for December 12, 1991. A Notice of Public Hearing was issued.

G-97-91 **BC GAS** **October 10, 1991**

Approved the setting up of a deferral account for a $525,000 credit balance and a deferral account for the Inland Division to collect a negative rider of $0.057/GJ, with both deferral accounts to be effective October 1, 1991.

G-98-91 **BC GAS** **October 10, 1991**

Approved Tariff Supplement No. 30 — Rate Schedule 2501, Interruptible Gas Service Agreement with the Vancouver Island Gas Joint Venture, effective for the month commencing September 1, 1991.

Accepted for filing amendments to the negotiated prices as set out in Appendix A to the Agreement (Original Page 30-7).

G-99-91 **BC GAS** **October 10, 1991**

Accepted for filing Tariff Supplement No. 29 — Rate Schedule 2206, NGV Service Agreement with the Township of Richmond, effective immediately.

G-100-91 **B.C. HYDRO** **October 10, 1991**

Approved a variance to B.C. Hydro's Electric Tariff, Terms and Conditions to allow customers on the Monthly Prepayment on Account Plan and Advance Payment Discount Plan (plans previously approved by Commission Order No. G-63-90) 21 days for payment rather than 10 days.

The variance will be in effect for 120 days. B.C. Hydro is to file an Application to amend Advance Billing no later than February 28, 1992.

G-101-91 **SQUAMISH GAS** **October 10, 1991**

Accepted for filing gas rates for off-grid system, metered bulk propane tank service, effective August 1, 1991.

G-102-91 **NUL** **October 17, 1991**

Accepted for filing increased fees for reconnection of service and returned cheques.

Order No.	Utility	Date
[illegible]	**SQUAMISH GAS**	**October 17, 1991**

Ordered an $11,000 credit balance in the Propane Cost Deferral Account to be refunded to customers.

[illegible] **SQUAMISH GAS** **October 17, 1991**

Accepted for filing amendments to Gas Tariff rates covering the sale of natural gas to customers in the Squamish, B.C., grid system effective October 1, 1991.

[illegible] **WKP** **October 25, 1991**

Rescheduled public hearing into the WKP/Cominco Ltd., Energy Supply Contracts for November 25, 1991 at Rossland, B.C.

[illegible] **PNG** **October 31, 1991**

By Order No. G-65-91 the Commission appointed Ms. D. W. Emes to inquire into the Industrial Interruptible Service Rates on the PNG system and submit a report to the Commission.

The Commission hereby adopts the Report and accepts that the current industrial interruptible service rates on the PNG system as being in accordance with the value of service pricing and accepts the margin in the interruptible rates as the criterion to determine the priority of interruption for interruptible service.

[illegible] **HVES** **November 7, 1991**

The Commission concluded that a public hearing into HVES' August 1, 1991 Applications for interim and permanent rate increases is not in the public interest and requested customers, interested parties and the Applicant to submit written comments on the matter on or before December 20, 1991.

[illegible] **PNG** **November 7, 1991**

Approved PNG's November 1, 1991 Application to set up a deferral account to capture changes in gas prices from its suppliers effective November 1, 1991.

[illegible] **BC GAS** **November 7, 1991**

Accepted for filing a September 17, 1991 Letter Agreement, Gas Tariff Supplement No. 23, between BC Gas and B.C. Hydro for the supply of Swing Gas to the Burrard Thermal Plant for a period of two years effective November 1, 1991.

[illegible] **BC GAS** **November 15, 1991**

Approved for BC Gas an amendment to the Bank Debenture and the issuance of $200 million, 10.30 per cent Series B Purchase Money Mortgages.

Order No.	Utility	Date
[redacted]	**BC GAS**	**November 15, 1991**

Approved a pass-through of a reduction in gas purchase costs to Fort Nelson Division customers effective October 1, 1991.

BC Gas is to maintain existing rates for NGV service and set-up a deferral account to capture the difference in costs not passed through to customers, effective October 1, 1991.

[redacted] **CENTRA GAS — FORT ST. JOHN DISTRICT** **November 15, 1991**

Ordered:

1. A rate reduction of $0.078/GJ for residential/commercial customers and $0.133/GJ for industrial customers effective November 1, 1991. Centra Gas to file amended Gas Tariff rate schedules.
2. Centra Gas to file a 1992 general revenue requirements Application by December 10, 1991 and provide a detailed review of inter-company charges study and methodology before the end of February 1992.
3. Centra Gas to maintain its deferral account for the loss of margin from its Scurry-Rainbow contract covered by Small Industrial Service Rate No. 6.
4. Centra Gas to refund by January 1992 the over-collection of $62,057 received from the Balfour Forest Products Inc. and Canadian Forest Products Ltd. rider, including interest accrued on the balances at the average prime rate to the date of refund.

[redacted] **BC GAS — COLUMBIA DIVISION** **November 15, 1991**

The Commission ordered:

1. A pass-through of gas purchase costs from the utility's suppliers effective November 1, 1991. BC Gas is to file amended Gas Tariff Rate Schedules.
2. An interim decrease in the forecast cost of purchased gas from the BC Gas — Inland Division, a decision on this matter is to be made at the Phase A, Rate Design hearing commencing December 3, 1991.
3. BC Gas to set up a deferral account to record the differences between the actual cost of gas charges and the cost of gas embedded in its rates for the month of October 1991. The disposal of the deferral accounts will be determined by a future Commission Order.

[redacted] **PNG** **November 22, 1991**

Approved, pursuant to section 57 of the Act, the issuance by PNG of up to $15 million of a private placement of Secured Debentures containing a 20-year term. The coupon interest rate on the Debentures shall not exceed 10.9 per cent, maturing June 1, 2021.

Order No.	Utility	Date
[redacted]	**BC GAS**	**December 2, 1991**

Approved a 3 per cent interim increase for the Lower Mainland, Inland and Columbia Divisions, effective with consumption on and after January 1, 1992 with such increase subject to BC Gas filing, on or before December 16, 1991, for each Division in the 1992 test year, the Divisional rate base, earned return, income tax, common equity and capital structure calculations, all to be supported by divisional accounts.

The matter of a public hearing into the disposition of the Application will be the subject of a further Commission Order.

A 3 per cent increase for the Fort Nelson Division will be decided by a future Commission Order, following receipt of the Divisional information from BC Gas.

[redacted] **BC GAS** **December 11, 1991**

Approved, conditional upon a review of the common equity capital structure at the 1992 Revenue Requirement Application, the issue by BC Gas of 6,660,000 Common Shares at $15.65 per Share to raise $100,059,840 after underwriting commissions, pursuant to section 57 (3) of the Act.

[redacted] **CENTRA GAS — FORT ST. JOHN DISTRICT** **December 11, 1991**

Approved Small Industrial Service Rate No. 9 ("SIS-9") conditional upon a review at the public hearing into Centra Gas' application for 1992 Revenue Requirements.

[redacted] **CENTRA GAS** **December 20, 1991**

Accepted for filing amended Gas Tariff Rate Schedules for natural gas distribution service to retail customers located on Vancouver Island and the Sunshine Coast served by the Vancouver Island Natural Gas Pipeline, effective January 1, 1992.

[redacted] **CENTRA GAS** **December 20, 1991**

Denied Centra's Application for an interim increase in rates to the Fort St. John District customers.

Set down the 1992 Revenue Requirements Application for public hearing to commence Monday, February 17, 1992, conditional on Centra providing the following information pursuant to Commission Order No. G-112-91:

1. The filing of supplementary evidence and testimonies on rate base additions, inter-company charges and rate of return on common equity prior to January 20, 1992.
2. The filing of a reconciliation of refunds and the cost of gas decrease, prior to January 31, 1992.

[redacted] **WKP** **December 20, 1991**

Approved an interim rate increase of 4.2 per cent to all classes of service effective with consumption on and after January 1, 1992.

Order No.	Utility	Date
[redacted]	**PLP**	**December 20, 1991**

Accepted for filing a general interim rate increase of 6.17 per cent and a further 4.2 per cent interim in order to pass-through the cost of power from West Kootenay Power, both effective January 1, 1992.

[redacted] **BC GAS and COMMISSION ORDER No. G-115-91 December 20, 1991**

Set down the BC Gas 1992 Revenue Requirements Application for public hearing to commence Tuesday, March 24, 1992.

Denied the BC Gas Application for a 3 per cent interim increase for the Fort Nelson Division.

Ordered BC Gas to file, by January 20, 1992, further direct evidence on joint cost allocation, divisional capital structures and returns with respect to the divisional account information that was filed on December 16, 1991.

[redacted] **BC GAS** **December 20, 1991**

Denied BC Gas request to vary Commission Orders No. G-111-91 and G-113-91.

BC Gas is ordered to set up deferral accounts in the total amounts of approximately $714,000 for the Lower Mainland and Inland Divisions for the cost of gas savings, pursuant to section 67 (4) of the Act and consistent with prior Commission treatment of utility Cost of Gas pass-through Applications.

[redacted] **PCEC** **December 20, 1991**

Accepted for filing three Transportation Service Agreements between PCEC and Centra Gas, Vancouver Island Gas Joint Venture and Squamish Gas, conditional upon the continuation of the BC Gas Bridging Agreement approved by Commission Orders No. G-66-91 and G-88-91, or the approval of a final Wheeling Agreement.

[redacted] **CITY OF NELSON** **December 20, 1991**

Accepted for filing Electric Utility Regulatory Amendment By-law No. 2481, 1991 which incorporates a general interim increase of 4.2 per cent over existing rates to all customers effective January 1, 1991.

APPENDIX IV

CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY ISSUED IN 1991

Order No.	Utility	Date
C-1-91	**B.C. HYDRO**	**February 20, 1991**

Certificate granted for the construction and operation of a 63 km, 287 kV transmission line from Alcan's Kitimat substation to B.C. Hydro's Skeena substation. Monthly construction progress reports required to be filed.

C-2-91	**B.C. HYDRO**	**April 10, 1991**

Certificate granted for the construction and operation of a 2.2 km, 138 kV transmission line from the McMahon Cogeneration project to B.C. Hydro's integrated system at Taylor, B.C. Monthly construction progress reports required to be filed.

C-3-91	**WKP**	**May 8, 1991**

Certificate granted for the construction and operation, through the existing right-of-way corridor, a 230 kV transmission line which will initially be energized at 170 kV, from the Bentley substation to the Oliver substation. Monthly construction progress reports required to be filed.

C-4-91	**B.C. HYDRO**	**August 26, 1991**

Certificate granted for the construction and operation of a 70 metre, 138 kV transmission line extension off the Aiyansh to Stewart transmission line at Meziadin, B.C. to serve the Elsworth Bros. Logging Ltd. mill.

C-5-91	**BC GAS**	**October 10, 1991**

Certificate granted for the construction and operation of a natural gas distribution system to serve Green Lake, B.C. and surrounding unincorporated areas. Annual sales volume and customer reports required to be filed.

APPENDIX V

ENERGY SUPPLY CONTRACT ORDERS ISSUED IN 1991

Order No.	Utility	Date
[redacted]	**B.C. HYDRO**	**February 14, 1991**

Accepted for filing Energy Supply Contract ESC No. 7 between B.C. Hydro, WEI and CU Power ("Wescup"), covering the supply of power at Taylor, B.C.

[redacted]	**BC GAS**	**February 28, 1991**

Approved Gas Supply Contract dated December 1, 1990, providing for the supply of gas from BP Resources to BC Gas for a term of 15 years.

[redacted]	**BC GAS**	**April 4, 1991**

Approved amendments to four Gas Supply Contracts dated March 4, 1991, between Westcoast Energy Inc. and BC Gas (Inland, Lower Mainland, Fort Nelson Divisions) and Peace River Transmission Company Limited.

[redacted]	**BC GAS**	**April 10, 1991**

Accepted for filing 19 Natural Gas Supply Contracts (Appendix A to the Order) for the Core Market. A review of contract reserves/deliverability will be conducted by the Ministry of Energy, Mines and Petroleum Resources.

BC Gas to file an Application, by August 1, 1991, which describes the method for translating gas purchase costs to customer rates.

[redacted]	**BC GAS and COMMISSION ORDER No. E-4-91**	**April 15, 1991**

Order No. E-4-91 is varied by rescinding approval as it relates to the contracts for Alberta & Southern and Canadian Hunter, pending reconsideration.

Commission directed staff to investigate whether approval of the above noted contracts remains in the public interest.

[redacted]	**BC GAS**	**April 30, 1991**

Approved Gas Supply Contract, following a Commission investigation as directed in Order No. E-5-91, between BC Gas and Canadian Hunter Marketing Ltd. for the supply of gas from July Lake.

[redacted]	**WESTCOAST POWER and CANADIAN UTILITIES LIMITED**	**May 16, 1991**

Approved Gas Sales Agreement dated November 9, 1990 between Northwest Pacific Energy Marketing and Wescup for supply of gas to the McMahon Generation Plant at Taylor, B.C., for a period of 21 years.

Approved Gas Purchase Agreement dated December 10, 1990, between Westcoast Petroleum Ltd. and Wescup for the supply of gas to the McMahon Generation Plant at Taylor, B.C., for a period of 21 years.

Order No.	Utility	Date
[redacted]	**BC GAS**	**May 23, 1991**

Approved Gas Purchase Contract for the supply of natural gas from Mobile Oil Canada to BC Gas, for a period of 10 years commencing November 1, 1991.

[redacted] **BC GAS and** **June 19, 1991**
COMMISSION ORDERS Nos. E-4-91 and E-5-91

Approved, following a Commission investigation as directed in Order No. E-5-91: Gas Supply Contract dated February 20, 1991 between BC Gas and Alberta & Southern for the contract year commencing November 1, 1991 and Gas Supply Contract dated March 8, 1991 between BC Gas and Canadian Hunter Marketing Ltd. for the contract year commencing November 1, 1991.

[redacted] **CENTRA GAS** **August 11, 1991**

Approved Gas Purchase Contracts between Centra Gas and Encor Energy Corporation Inc., Ocelot Industries Ltd. and Petro-Canada for a period of 15 years commencing November 1, 1991.

[redacted] **INLAND NATURAL GAS MARKETING LTD.** **August 22, 1991**

Accepted for filing six Gas Purchase Contracts for short-term interruptible gas supply to the Vancouver Island Gas Joint Venture, Alberta & Southern Gas Co. Ltd., Mobil Oil Canada, CanWest Gas Supply Inc., Canadian Hydrocarbons Marketing Inc., Grand Valley Gas Company, Husky Oil Operations Ltd., effective July 1, 1991.

[redacted] **INLAND NATURAL GAS MARKETING LTD.** **October 31, 1991**

Accepted for filing six Gas Purchase Contracts for supply to the Vancouver Island Gas Joint Venture as follows: BP Resources Canada Ltd., Ocelot Energy Inc., Grand Valley Gas Company, Mobil Canada, Direct Energy Marketing Limited and Petro Canada, effective for the gas contract year commencing November 1, 1991.

[redacted] **BC GAS** **December 2, 1991**

Accepted for filing the Short-Term Portfolio of eight (8) Gas Supply Contracts (attached as Appendix A to the Order) pursuant to the Rules Respecting Energy Supply Contracts and section 85.3 of the Act.

[redacted] **WKP** **December 20, 1991**

Accepted for filing, pursuant to section 85.3 of the Act, Energy Supply Contracts covering the supply of power to West Kootenay Power by Cominco Ltd.

APPENDIX VI

PETROLEUM ORDERS ISSUED IN 1991

Order No.	Utility	Date
[redacted]	**SUNCOR INC.**	**March 14, 1991**
	Accepted for filing Crude Petroleum Tariff No. 121 effective January 1, 1991.	
[redacted]	**SUNCOR INC. and COMMISSION ORDER No. P-1-91**	**April 4, 1991**
	Rescinded rates approved by Order No. P-1-91 for the Blueberry to Taylor Crude Petroleum Tariff.	
	Accepted for filing Crude Petroleum Tariff No. 121 effective March 1, 1991.	
[redacted]	**TRANS MOUNTAIN ENTERPRISES OF BRITISH COLUMBIA LIMITED**	**May 3, 1991**
	Approved increased tolls on Jet Fuel Pipeline as a result of decreased throughput effective April 26, 1991.	
[redacted]	**NORCEN ENERGY RESOURCES LIMITED**	**September 12, 1991**
	Accepted for filing Crude Petroleum Tariff No. 2D effective October 1, 1991.	
[redacted]	**NEWCAL ENERGY INC.**	**September 26, 1991**
	Accepted for filing Crude Petroleum Tariff rates for the Inga Oil Pipeline effective January 1, 1991.	
[redacted]	**TRANS MOUNTAIN ENTERPRISES OF BRITISH COLUMBIA LIMITED**	**December 20, 1991**
	Approved a toll increase on Trans Mountain's Jet Fuel Pipeline effective January 1, 1992.	
	Trans Mountain to file, by January 31, 1992, Letters of Concurrence of the increase from its shippers on the Jet Fuel Pipeline.	

APPENDIX VII

COMPLAINTS AND INQUIRIES FROM UTILITY CUSTOMERS

Inquiries from Utility Customers concerning Terms and Conditions, Quality of Service, Billing, Payment Requirements, Disconnections of Account, etc.

An important aspect of the Commission's mandate is to apply regulation in a manner that reflects fair, consistent and clearly enunciated standards. The Commission is available to assist members of the public in dealings with regulated utilities so that problems are handled in a prompt, helpful and efficient manner.

Most complaints and inquiries are resolved through discussions between the customer and the utility concerned. Unresolved issues are normally referred to the Commission. To facilitate communication between the Commission and the customers of regulated utilities wishing to file complaints or have points clarified, toll-free calling from any region of the Province is available. The number of complaints and inquiries in 1991 decreased to 161 from 469 in 1990. In 1990 the Commission received a significant number of inquiries regarding B.C. Hydro's Electric Plus Program.

Summary of 1991 Complaints and Inquiries

BC Gas Inc.	36
British Columbia Hydro and Power Authority	91
Hemlock Valley Electrical Services Limited	—
Central Heat Distribution Limited	—
Squamish Gas Co. Ltd.	—
Centra Gas British Columbia Inc.	11
Princeton Light and Power Company, Limited	—
Pacific Northern Gas Ltd.	3
West Kootenay Power Ltd.	14
Northland Utilities (B.C.) Ltd.	2
Central Coast Power Corp.	1
City of Nelson	3
Total 1991 Complaints/Inquiries	161

APPENDIX VIII

COSTS RECOVERED FROM REGULATED UTILITIES FROM JANUARY 1, 1991 TO DECEMBER 31, 1991

Pursuant to Commission Orders Nos. G-43-90 and G-54-91 a levy, at the rate of $0.0011364 and $0.001023 per $1 of total gross utility energy sales for the previous calendar years 1990 and 1991, was collected from the public utilities for the fiscal years commencing April 1, 1990 and 1991 enabling the Commission to recover expenses that resulted from the administration of the ***Utilities Commission Act.***

	Amount Recovered (12 mos. 1991)
	$
British Columbia Hydro and Power Authority	1,834,412.00
BC Gas Inc.	630,255.50
Central Heat Distribution Limited	4,795.50
City of Nelson	2,036.00
Hemlock Valley Electrical Services Limited	199.00
Centra Gas British Columbia Inc.	17,227.00
Northland Utilities (B.C.) Ltd.	6,135.00
Pacific Northern Gas Ltd.	79,166.00
Princeton Light and Power Company Limited	2,546.00
Squamish Gas Co. Ltd.	1,771.50
West Kootenay Power Ltd.	67,448.00
Yoho Power Ltd.	452.00
Yukon Electric Co. Ltd.	61.00
TOTAL	2,646,504.50

APPENDIX IX

ELECTRIC UTILITIES IN BRITISH COLUMBIA
DOMESTIC ELECTRICITY SALES — 1991

Crown-Owned Electric Utility	Customers #	Revenue $	SALES (GW.h)
British Columbia Hydro and Power Authority	1,312,608	1,795,000,000	39,672.20
Municipally-Owned Electric Utilities			
City of Grand Forks	1,693	1,363,000	29.64
City of Kelowna	15,649	10,947,000	252.85
City of Nelson	7,674	5,879,000	130.64
City of New Westminster	23,506	18,090,000	342.21
City of Penticton	12,682	10,414,000	261.41
District of Summerland	4,244	2,787,000	73.43
Total Municipally-Owned	65,448	49,480,000	1,090.18
Investor-Owned Electric Utilities			
Hemlock Valley Electrical Services Limited	197	189,000	1.53
Princeton Light and Power Company, Limited	2,712	2,474,000	52.32
West Kootenay Power Ltd.	69,545	64,343,000	1,696.72
Yoho Power Ltd.	165	404,000	1.38
Yukon Electrical Company Limited	57	66,000	0.48
Total Investor-Owned	72,676	67,476,000	1,752.43
Total All Electrical Utilities	1,450,732	1,911,956,000	42,514.81

NOTES TO APPENDIX IX

1. 1 gigawatt hour (GW.h)=1 million kilowatt hours.
2. Figures reported are on a calendar year basis.
3. Revenues and sales for West Kootenay Power Ltd. and British Columbia Hydro and Power Authority are net of sales to other reporting utilities.

APPENDIX X

GAS UTILITIES IN BRITISH COLUMBIA
DOMESTIC GAS SALES — 1991

Investor-Owned Natural Gas Utilities	Customers #	Revenue $	Sales (GJ)
BC Gas Ltd.			
Coastal Division	442,886	447,029,000	117,524,000
Inland Division	147,607	131,605,000	55,928,000
Columbia Division	16,076	23,202,000	9,187,000
Fort Nelson Division	1,546	2,087,000	659,000
Squamish Gas Co. Ltd.	1,020	490,000	81,000
Centra Gas British Columbia Inc.			
Victoria	4,588	1,546,000	268,762
Nanaimo	2,074	807,000	135,060
Vancouver Island	784	325,000	41,569
Fort St. John	6,982	7,092,000	2,222,421
Northland Utilities (B.C.) Ltd.	6,196	5,790,000	1,539,480
Pacific Northern Gas Ltd.	16,096	67,998,000	35,253,712
Pacific Coast Energy Corporation	7	625,000	1,807,027
Total Investor-Owned Gas Utilities	645,862	688,596,000	224,647,031
Investor-Owned L.P. Grid System Utilities			
Centra Gas British Columbia Inc.			
Nanaimo, Port Alice, Whistler	692*	4,506,000	499,624
Victoria	0	4,504,000	448,886
BC Gas Inc.			
Squamish Gas Co. Ltd.	327*	1,360,000	174,000
Total Propane Systems	1,019*	10,370,000	1,122,510
Total	646,881	698,966,000	225,769,541

* Customer figures are as at calendar year-end.

NOTES TO APPENDIX X

1. 1 gigajoule (GJ) is approximately equivalent to 0.922 Mcf of natural gas or 0.376 Mcf of propane vapour in L.P. gas grid systems.
2. All figures reported are on a calendar year basis.
3. Sales of GJ shown include sales to end-use customers plus gas owned by customers and transported to industrial operations.
4. Revenues reported for natural gas utilities include only transportation margins for large industrial customers who have purchased gas supplies directly from producers. Prior to 1987, the sales and revenues were reported as direct sales by the utilities.
5. On August 1, 1991 and October 1, 1991, natural gas began to be supplied to customers located in Squamish, Nanaimo and Victoria, B.C., respectively, from Pacific Coast Energy Corporation's Vancouver Island Natural Gas Pipeline. Propane grid system information is shown for sales prior to those dates and natural gas sales after those dates.

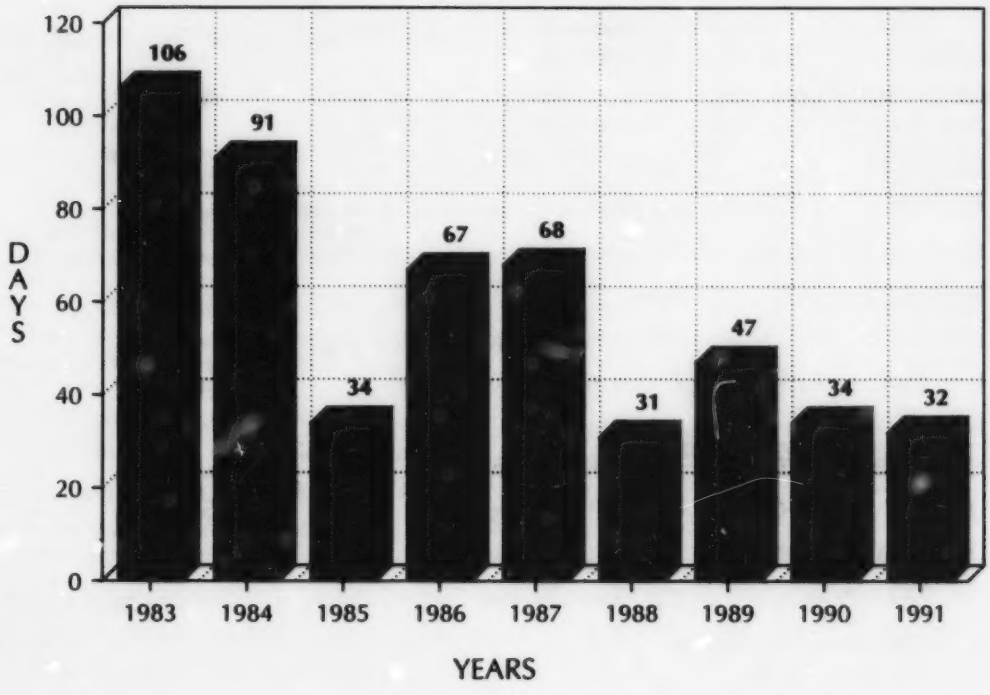
APPENDIX XI

SUMMARY OF HEARING DAYS IN 1991

Date	Applicant	Type of Application	Location	No. of Days
Jan. 28–30	Centra Gas	Standard Municipal Gas Operating Agreements	Victoria	3
Feb. 11–12	BC Gas	Rates	Squamish	2
March 4	B.C. Hydro	Pre-Hearing Conference — Rate Design	Vancouver	1
March 11	B.C. Hydro	Adjournment Request — Rate Design	Vancouver	1
Mar. 18–22	PNG	Rates	Prince Rupert	5
June 5	B.C. Hydro	Adjournment Request — Rate Design	Vancouver	1
June 10–11	B.C. Hydro	Distribution Extension Policy	Vancouver	2
July 5	B.C. Hydro	Final Argument	Vancouver	1
Nov. 25–28	WKP	Revenue Requirement	Rossland	4
Dec. 3–6	BC Gas	Gas Cost Allocation	Vancouver	4
Dec. 9–13	BC Gas	Gas Cost Allocation	Vancouver	5
Dec. 16,17,19	BC Gas	Gas Cost Allocation	Vancouver	3
Total				32

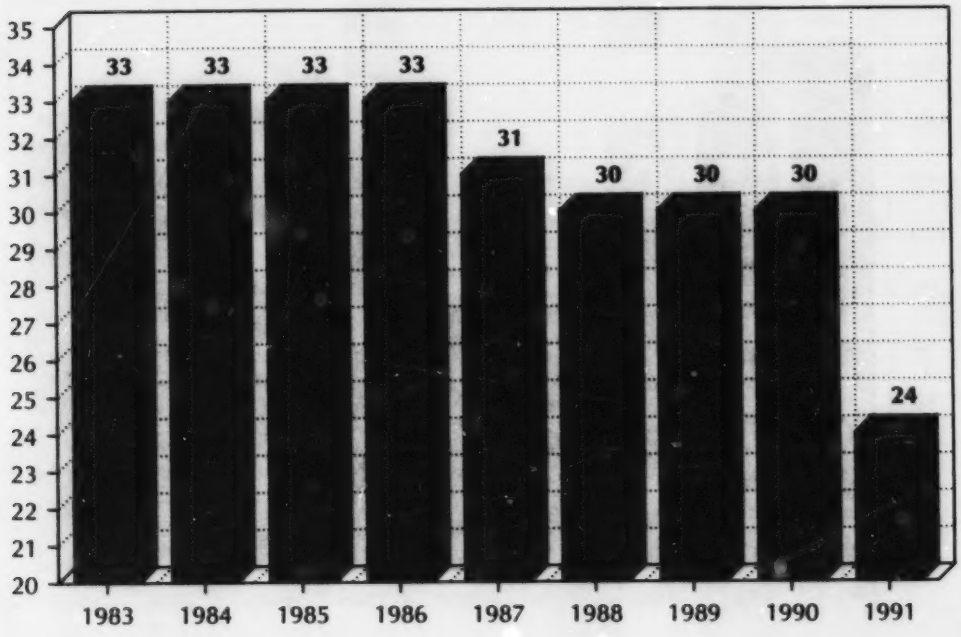
APPENDIX XI

BCUC HEARING DAYS



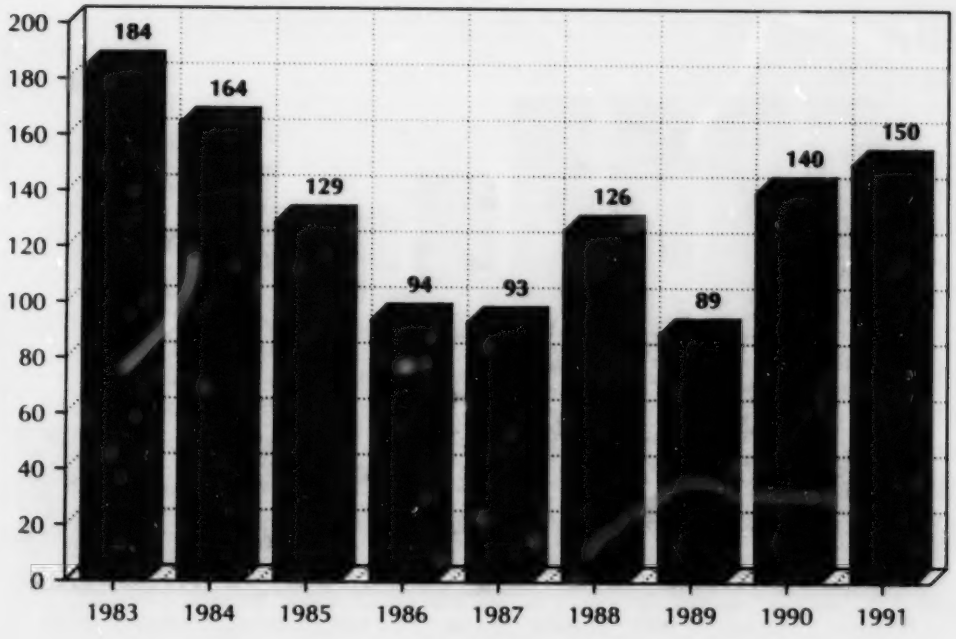
APPENDIX XII

STAFFING LEVEL



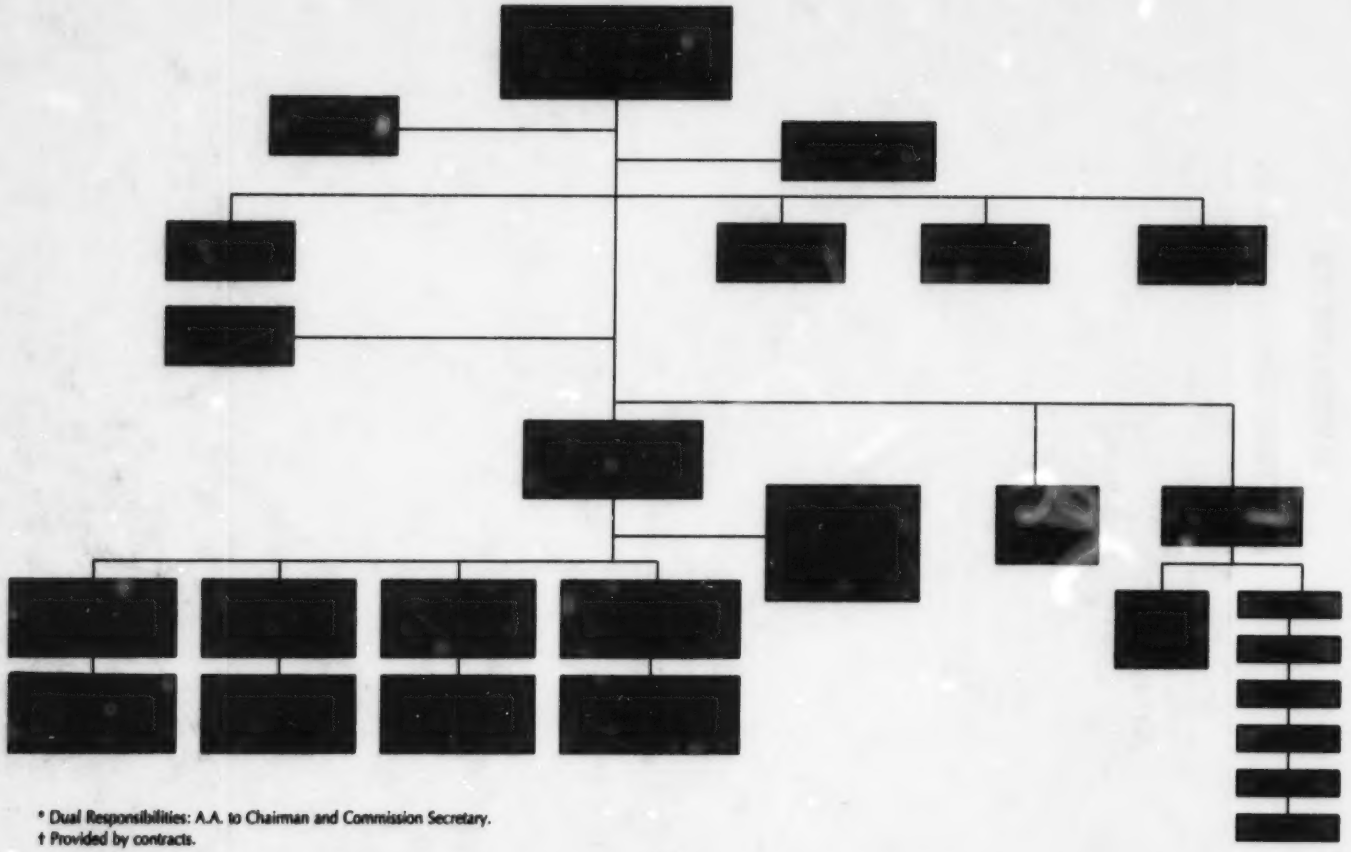
APPENDIX XIII

ORDERS ISSUED DURING THE YEAR



APPENDIX XIV

ORGANIZATION CHART



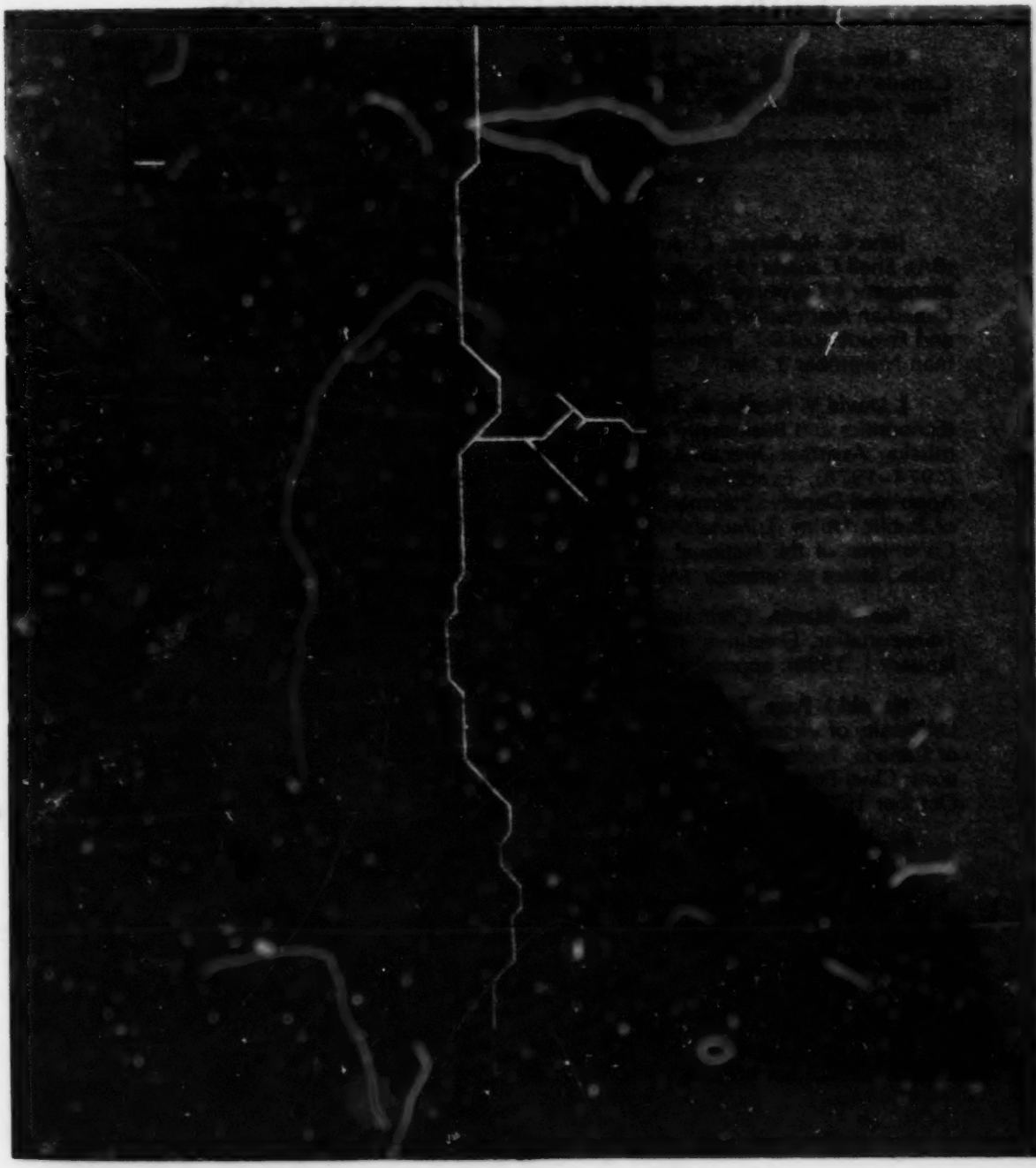
* Dual Responsibilities: A.A. to Chairman and Commission Secretary.
† Provided by contracts.

APPENDIX XV

ELECTRIC TRANSMISSION

APPENDIX XVI

GAS TRANSMISSION



APPENDIX XVII

BIOGRAPHIES

BRITISH COLUMBIA UTILITIES COMMISSION

Office — Sixth Floor, 900 Howe Street, Box 250, Vancouver, British Columbia, Canada V6Z 2N3, Area Code (604) 660-4700; Facsimile (604) 660-1102, B.C. Toll Free: 1-800-663-1385.

Commissioners are appointed and serve at pleasure.

COMMISSIONERS

John G. McIntyre, Chairman: Concordia University in Montreal (Loyola College) (BA); Shell Canada (33 years) retired in 1984 as Western Marketing Region Manager, Manager of Corporate Affairs for Genstar Corporation (1984–86), past Chairman of Canadian Association of Members of Public Utility Tribunals (CAMPUT), past Director and President of B.C. Petroleum and Prairie Petroleum Associations; appointed Chairman November 2, 1987.

J. David V. Newlands, Deputy Chairman: Appleby College, MacMaster University (Economics and Business); TransCanada Pipelines Ltd.; British Columbia Energy Commission, Assistant Director, Utility Regulation (1973–1974), Director, Utility Regulation (1974–1978), Executive Director (1978–1980), Commissioner (1980–1982), Appointed Deputy Chairman 1982, Past Chairman, Canadian Association of Members of Public Utility Tribunals (CAMPUT) Energy Committee, Member of the Electrical Committee of the National Association of Regulatory Utility Commissioners of the United States of America, Member of Canadian Institute of Energy.

Norris Martin, Commissioner: University of British Columbia (B.Comm., MBA), Transportation Executive; named Temporary Commissioner (September 23, 1982–January 1, 1988); appointed Commissioner January 2, 1988.

Harold J. Page, Temporary Commissioner: University of British Columbia (BASc.), University of Victoria (Honourary Doctor of Engineering), Fellow, Engineering Institute of Canada, Professional Engineer, Provincial Assistant Deputy Minister, Communications; Chief Engineer of the Public Utilities Commission of British Columbia; appointed October 1987.

Frank C. Leighton, Temporary Commissioner: University of London, England (B.Sc.Eng.), Professional Engineer, employed by Swan Wooster Engineering Companies in Vancouver (1951–1984) as Project Manager, Vice-President of Planning, President of Swan Wooster International, and Vice-Chairman of Swan Wooster Engineering, private practice; appointed October 1987.

Kenneth L. Hall, Temporary Commissioner: University of Saskatchewan (B.E.), Professional Engineer, Trans Mountain Pipe Line Company (30 years) retired 1983 as President, C.E.O. and Chairman of the Board, Honourary Life Member Canadian Petroleum Association; appointed January 1990.

STAFF

Commission Secretary's Office

Robert J. Pellatt, Commission Secretary
Marilyn E. Donn, Administrative Assistant

Regulatory Affairs and Planning

William J. Grant, Executive Director, Regulatory Affairs and Planning
Deborah W. Emes, Senior Planner and Assistant to the Executive Director
Neptune C. J. Smith, Manager, Electrical Engineering
Robert W. Rerie, Senior Electrical Engineer
Barry McKinlay, Manager, Rates and Finance — Electrical
John J. Hague, Senior Financial Analyst — Electrical
Paul H. Gronert, Manager, Petroleum Engineering
Robert Brownell, Senior Energy Analyst
Simon S. Wong, Manager, Rates and Finance — Petroleum
Philip W. Nakoneshny, Senior Financial Analyst — Petroleum

Finance

Jennifer Smith, Senior Financial Officer

Administration and Personnel

James H. Hummelen, Director, Administration and Personnel
Alison Cormack, Library/Accounting Assistant
Constance M. Smith, Stenographer/LAN Administrator
Sandra S. Clark, Stenographer
Lisa D. Morris, Stenographer
Margaret McDermott, Stenographer
Donna S. Schoeppe, Stenographer
Yvonne Kouwenhove, Stenographer/Receptionist